

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110918\
 Data File : BF110643.D
 Acq On : 9 Nov 2018 22:31
 Operator : JU/SJ
 Sample : J5813-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-I

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.257	24	29	38	rVB	341543	457086	18.54%	1.941%
2	5.192	525	528	540	rBV	62266	95674	3.88%	0.406%
3	5.569	587	592	595	rBV	2263799	2176356	88.29%	9.242%
4	6.575	758	763	768	rBV	2195161	2464991	100.00%	10.468%
5	6.716	782	787	790	rBV	2592829	2370226	96.16%	10.065%
6	6.945	822	826	832	rBV	706148	602556	24.44%	2.559%
7	7.098	848	852	856	rBV	1861441	1800577	73.05%	7.646%
8	7.510	917	922	931	rBV	1445958	1520133	61.67%	6.455%
9	8.228	1040	1044	1055	rBV	854422	779970	31.64%	3.312%
10	9.298	1221	1226	1230	rBV	2618137	2442625	99.09%	10.373%
11	9.692	1289	1293	1301	rBV	314739	268428	10.89%	1.140%
12	9.986	1339	1343	1347	rBV	910147	783853	31.80%	3.329%
13	10.780	1474	1478	1485	rBV	1321471	1222980	49.61%	5.193%
14	11.480	1593	1597	1599	rBV	771820	651109	26.41%	2.765%
15	11.504	1599	1601	1605	rVB	193441	165804	6.73%	0.704%
16	11.980	1679	1682	1686	rBV	146550	151634	6.15%	0.644%
17	12.310	1735	1738	1743	rBV	34873	34842	1.41%	0.148%
18	12.698	1800	1804	1812	rBV	383532	342233	13.88%	1.453%
19	12.768	1814	1816	1819	rBV4	26494	26548	1.08%	0.113%
20	12.910	1837	1840	1841	rBV2	59115	56470	2.29%	0.240%
21	12.927	1841	1843	1848	rVB	288277	252517	10.24%	1.072%
22	13.063	1861	1866	1869	rBV	1784358	1540191	62.48%	6.541%
23	13.145	1876	1880	1884	rBV3	17178	28922	1.17%	0.123%
24	13.257	1892	1899	1904	rBV3	41501	72890	2.96%	0.310%
25	13.486	1935	1938	1941	rBV4	30254	39143	1.59%	0.166%
26	13.768	1984	1986	1992	rBV	41750	54882	2.23%	0.233%
27	13.880	2002	2005	2007	rBV	37444	36982	1.50%	0.157%
28	13.939	2011	2015	2020	rVV2	202341	262237	10.64%	1.114%
29	13.980	2020	2022	2028	rVB	40608	48099	1.95%	0.204%
30	14.127	2043	2047	2050	rBV2	583460	650665	26.40%	2.763%
31	14.157	2050	2052	2059	rVB	164010	156397	6.34%	0.664%
32	14.568	2118	2122	2128	rBV5	67392	119406	4.84%	0.507%
33	14.874	2172	2174	2178	rVB	42717	45535	1.85%	0.193%
34	15.033	2197	2201	2205	rBV	385640	384532	15.60%	1.633%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.204	2226	2230	2232	rBV	107440	149527	6.07%	0.635%
36	15.227	2232	2234	2237	rVV	153316	179605	7.29%	0.763%
37	15.257	2237	2239	2247	rVB	291744	403982	16.39%	1.716%
38	15.521	2282	2284	2288	rVB	57043	60281	2.45%	0.256%
39	15.592	2293	2296	2299	rVV	81373	109117	4.43%	0.463%
40	15.656	2303	2307	2311	rVB	279157	348115	14.12%	1.478%
41	16.080	2375	2379	2384	rVB	126637	191322	7.76%	0.812%

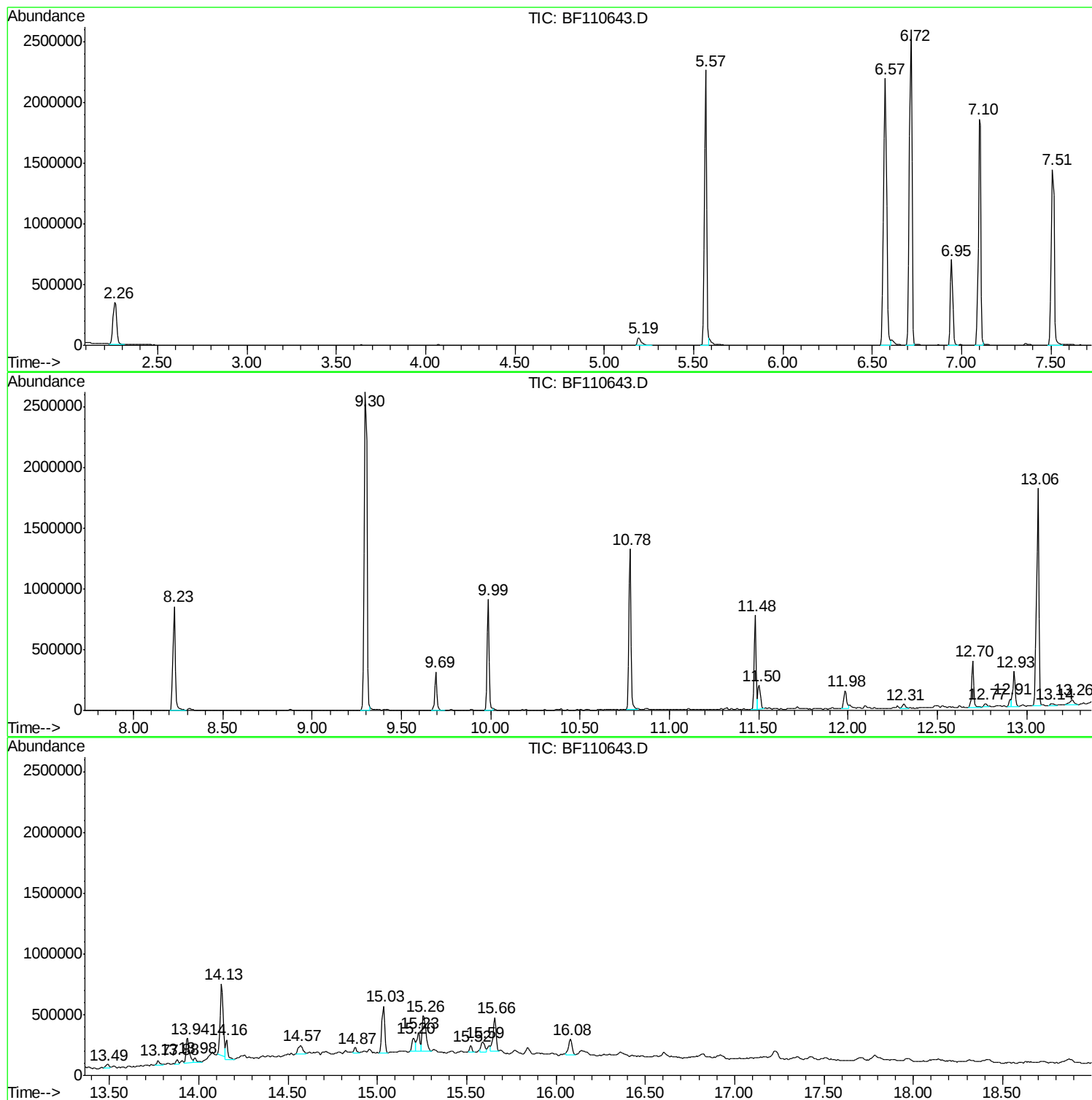
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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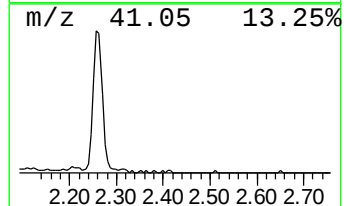
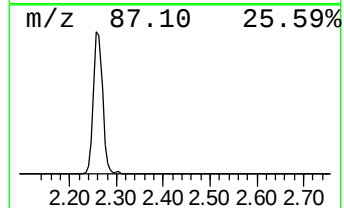
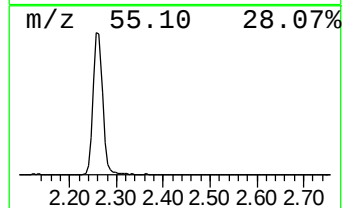
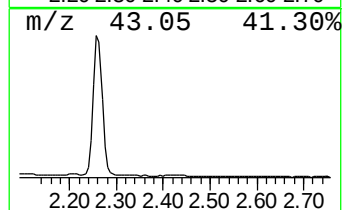
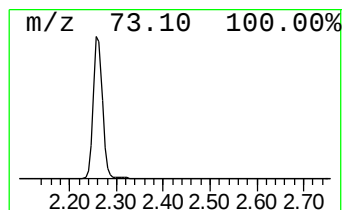
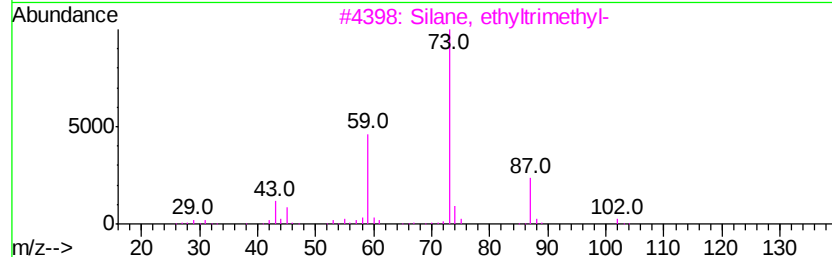
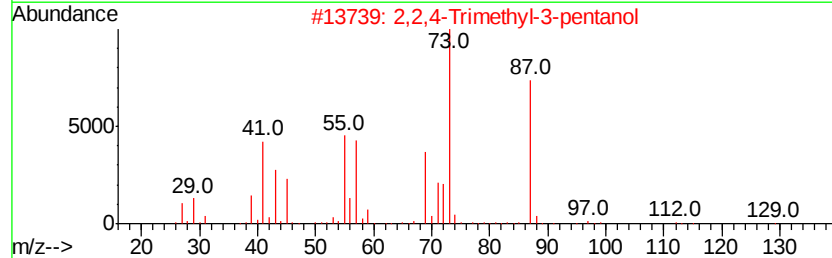
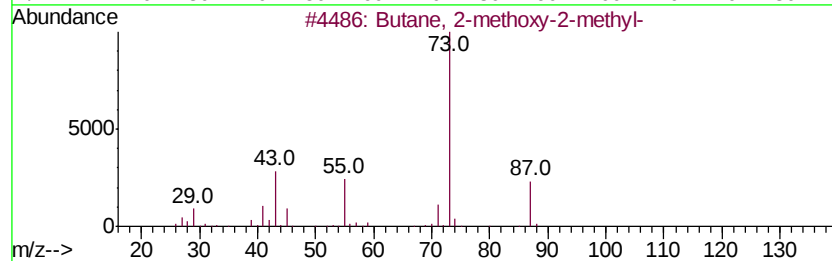
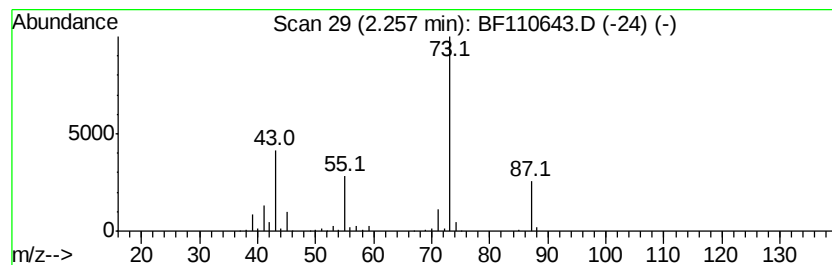
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.26	15.17 ng	457086	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22



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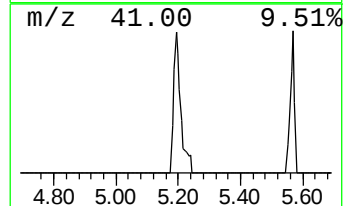
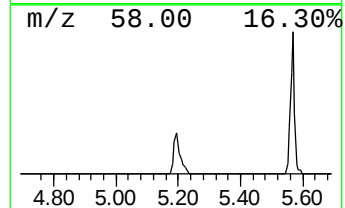
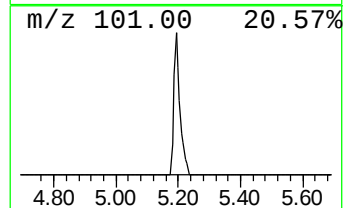
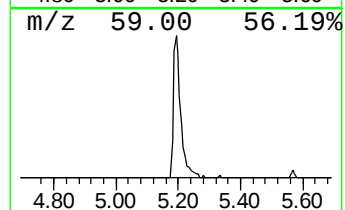
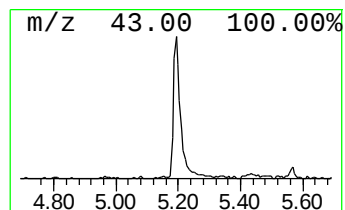
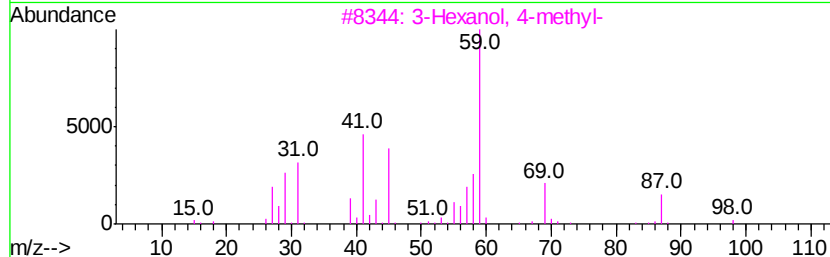
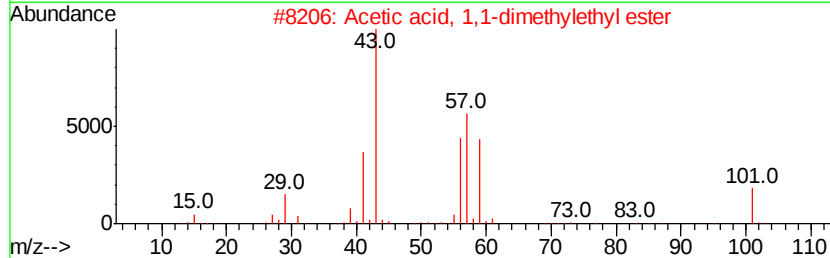
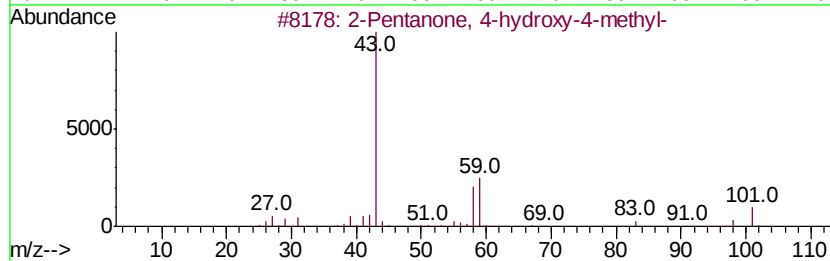
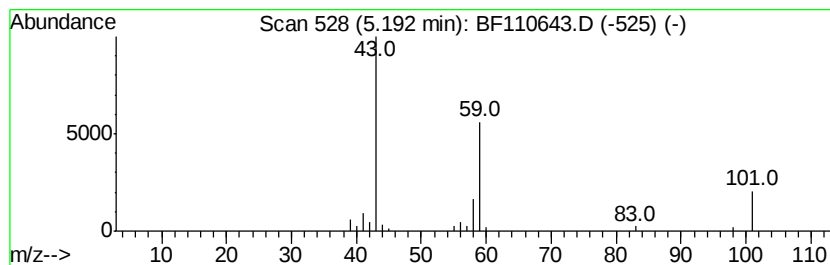
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	3.18 ng	95674	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
4			Propylamine	59	C3H9N	000107-10-8	9
5			Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9



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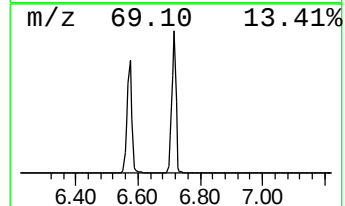
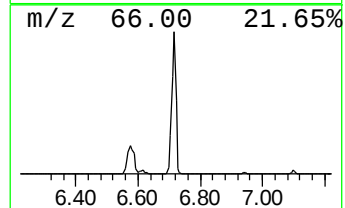
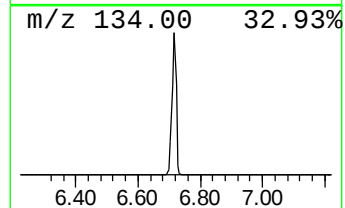
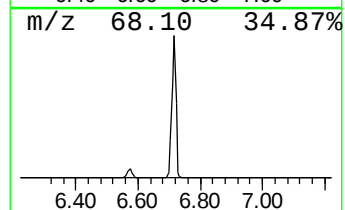
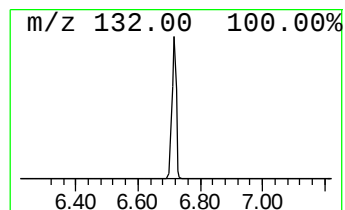
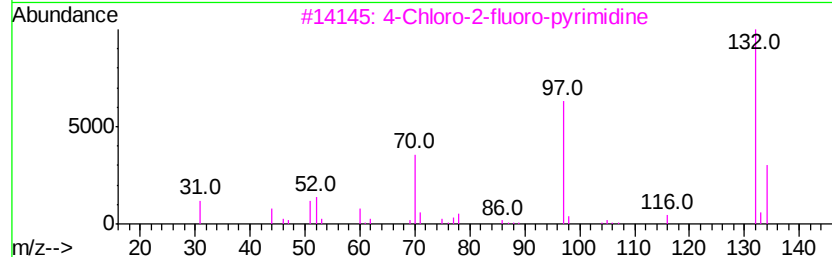
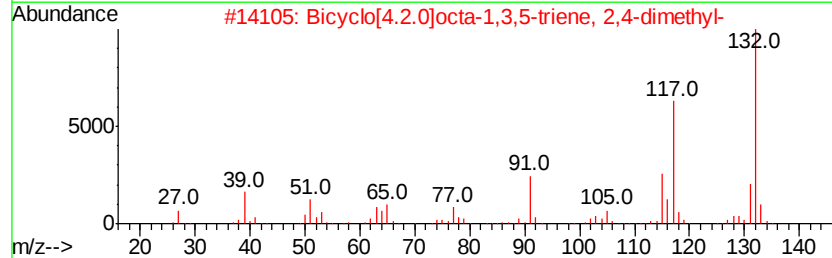
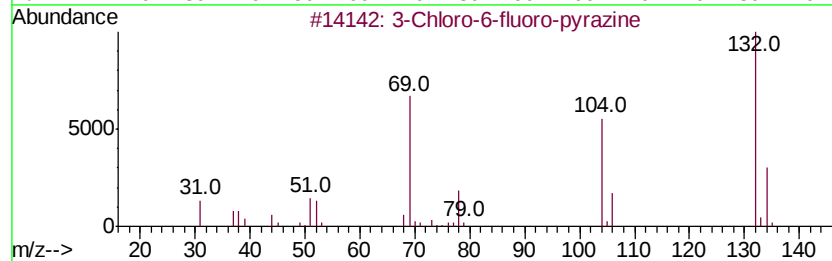
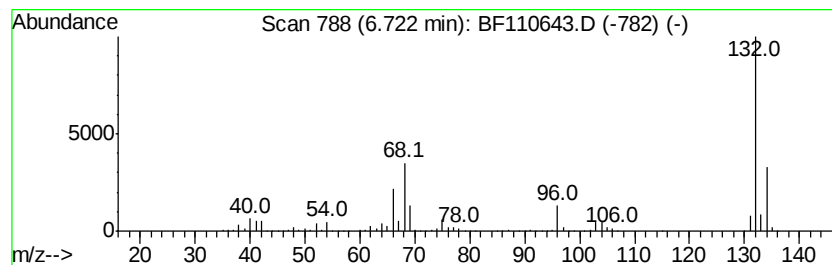
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	78.67 ng	2370230	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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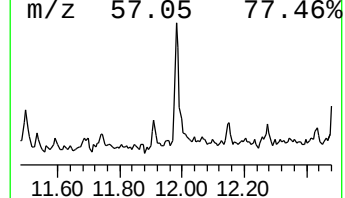
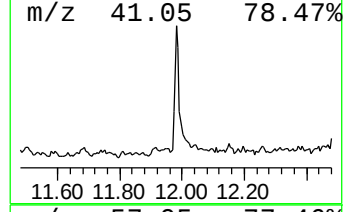
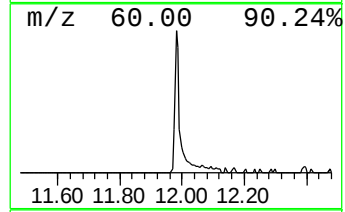
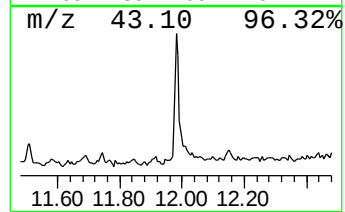
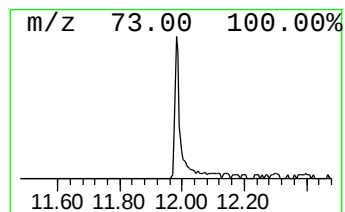
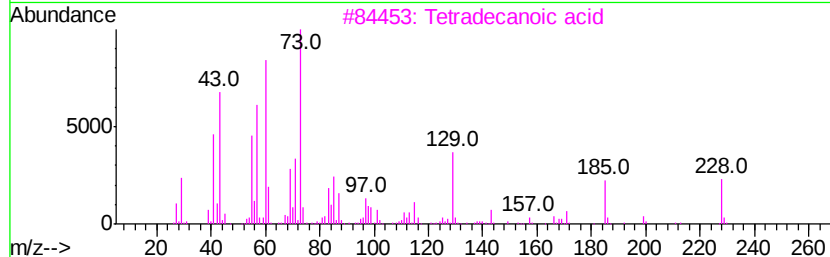
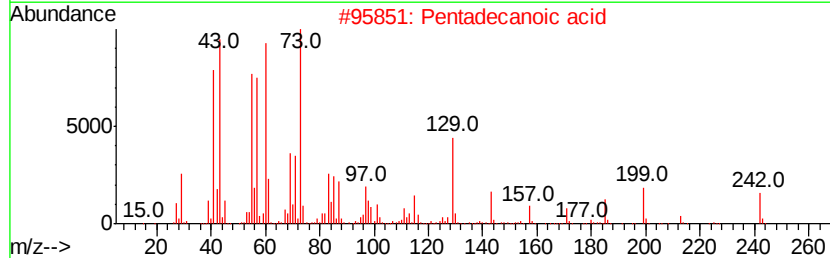
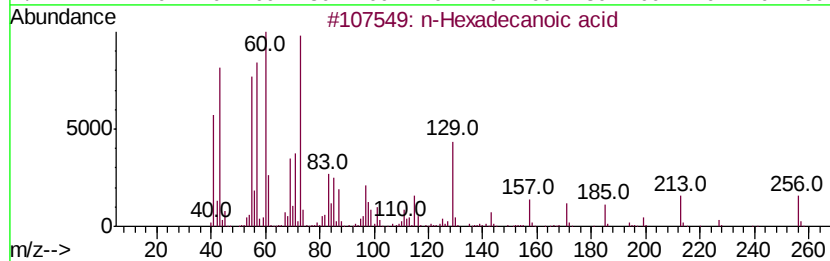
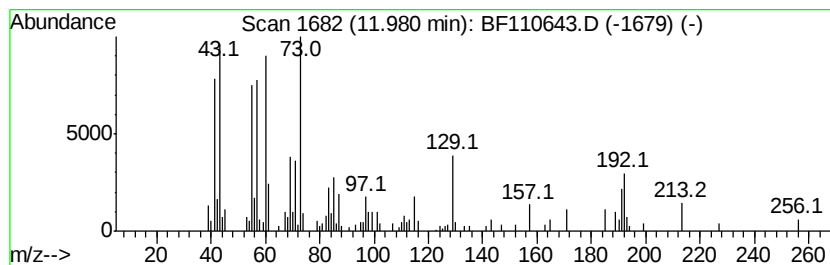
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.66 ng	151634	Phenanthrene-d10	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	50



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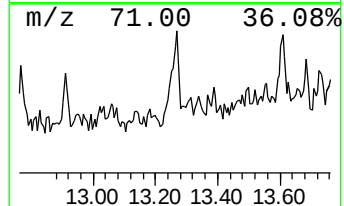
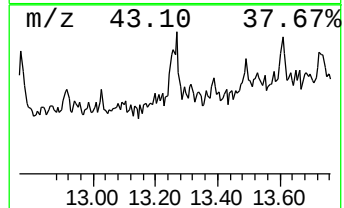
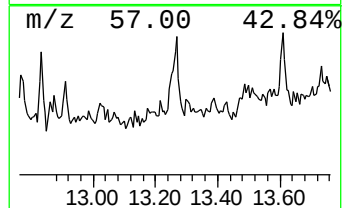
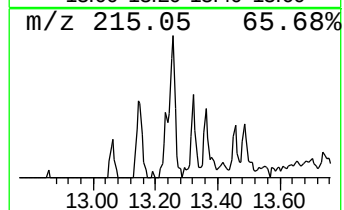
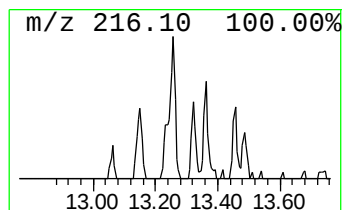
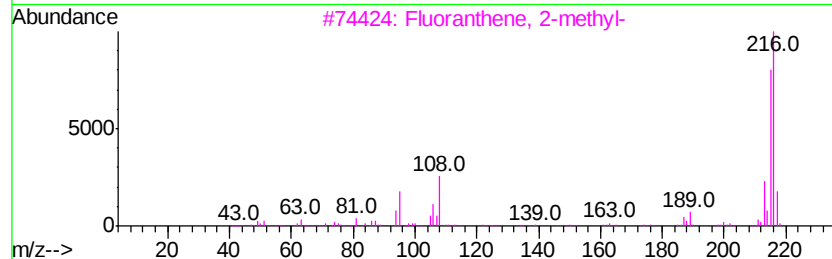
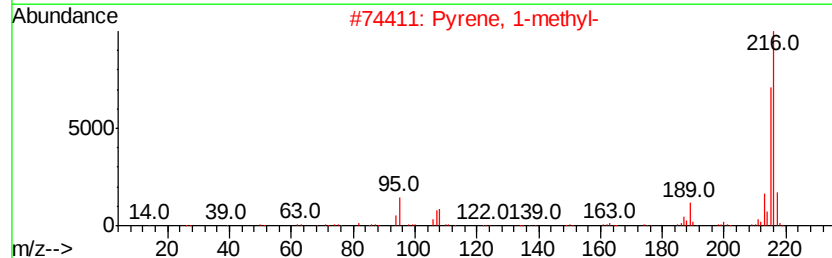
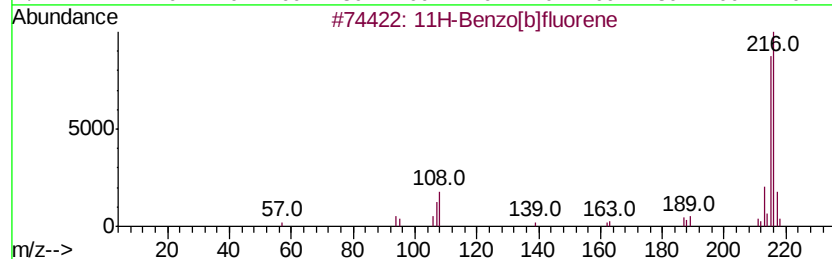
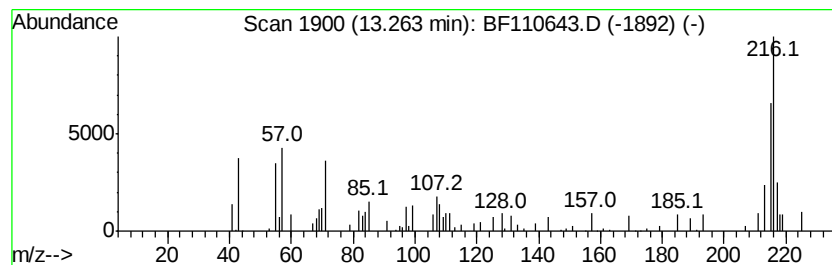
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TIC Integration Parameters: LSCINT.P

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.26	2.24 ng	72890	Chrysene-d12		14.13		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	76
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110643.D
Acq On : 9 Nov 2018 22:31
Operator : JU/SJ
Sample : J5813-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-I

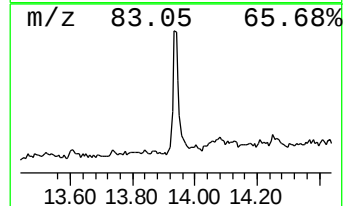
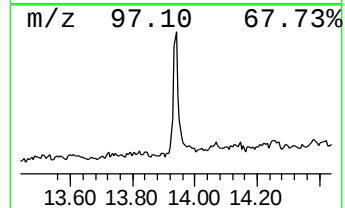
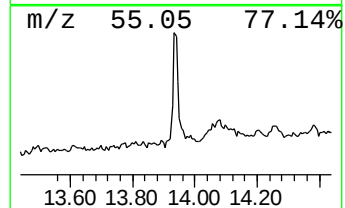
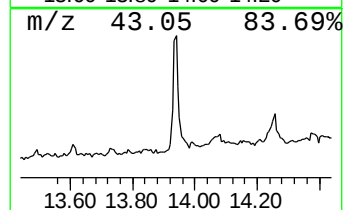
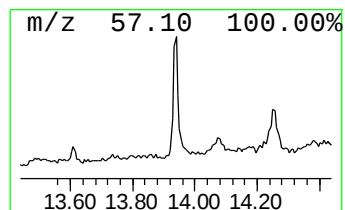
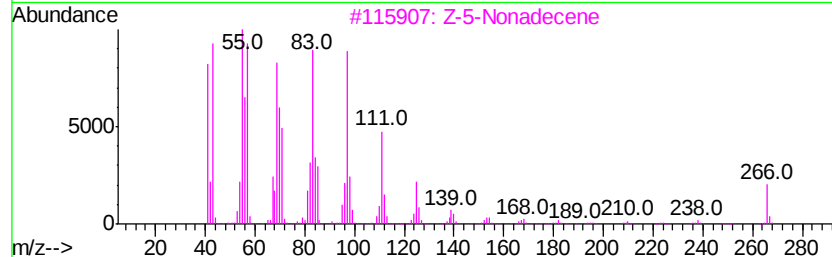
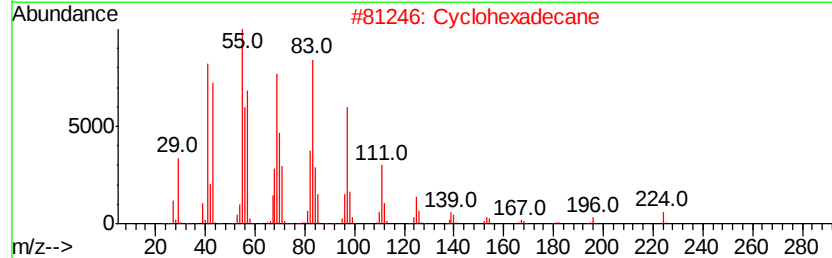
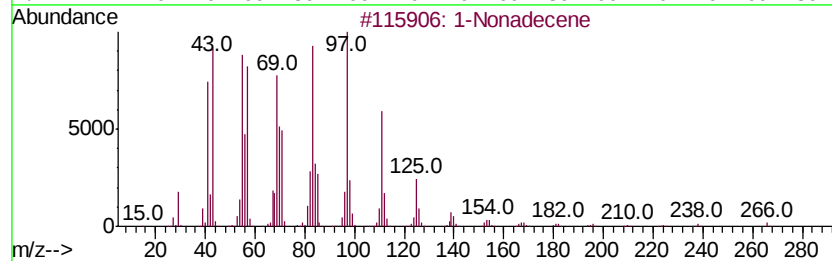
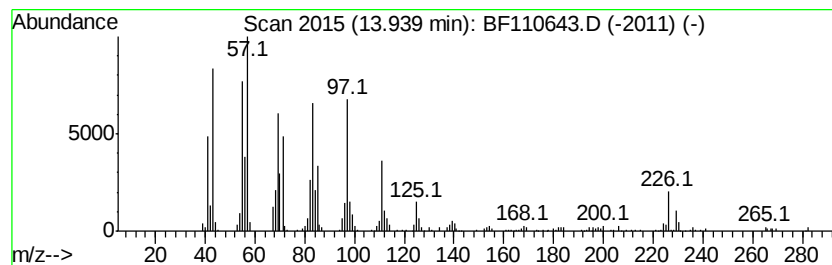
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	8.06 ng	262237	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	98
2		Cyclohexadecane	224	C16H32	000295-65-8	96
3		Z-5-Nonadecene	266	C19H38	1000131-11-8	94
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93



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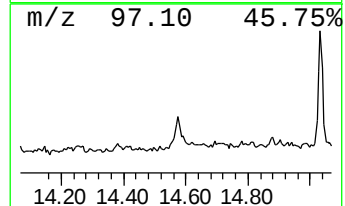
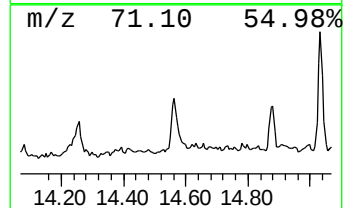
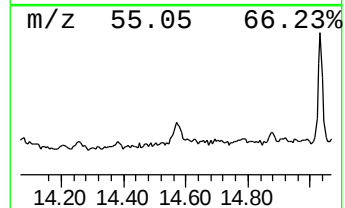
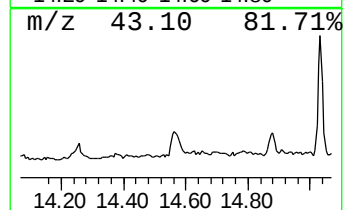
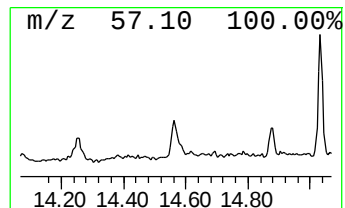
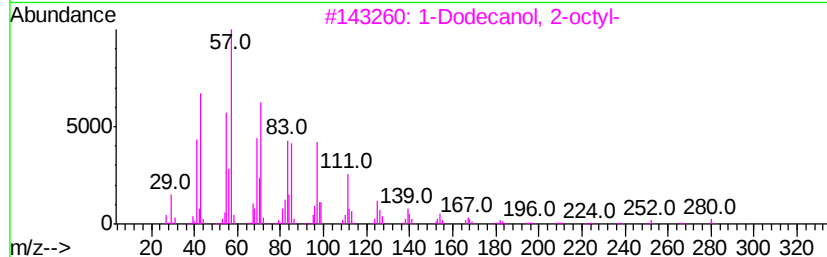
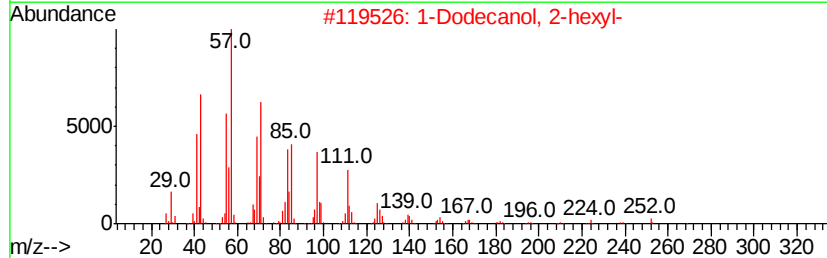
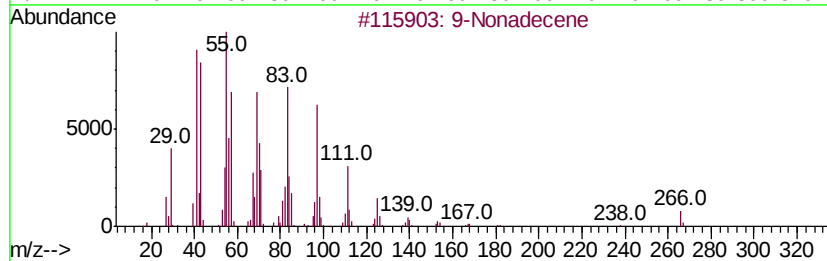
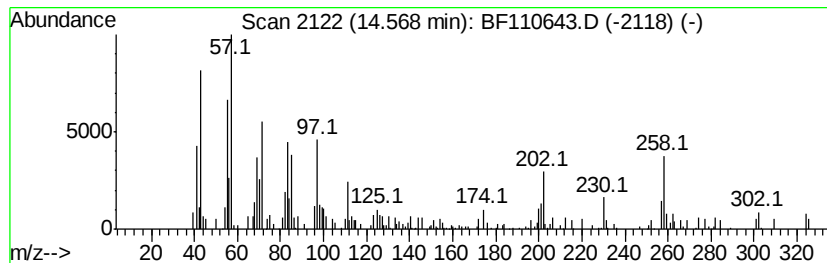
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 9-Nonadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	3.67 ng	119406	Chrysene-d12	14.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Nonadecene		266	C19H38	031035-07-1	86
2	1-Dodecanol, 2-hexyl-		270	C18H38O	110225-00-8	76
3	1-Dodecanol, 2-octyl-		298	C20H42O	005333-42-6	76
4	1-Decanol, 2-octyl-		270	C18H38O	045235-48-1	76
5	Z-5-Nonadecene		266	C19H38	1000131-11-8	70



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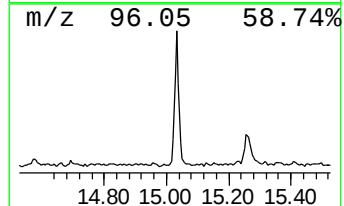
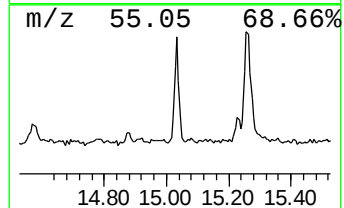
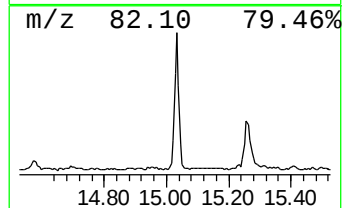
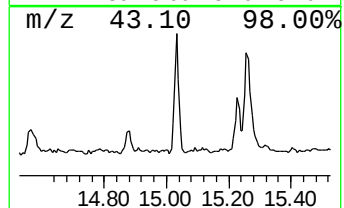
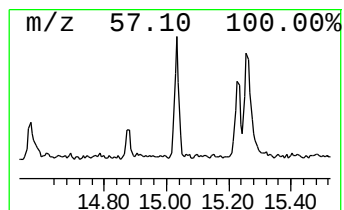
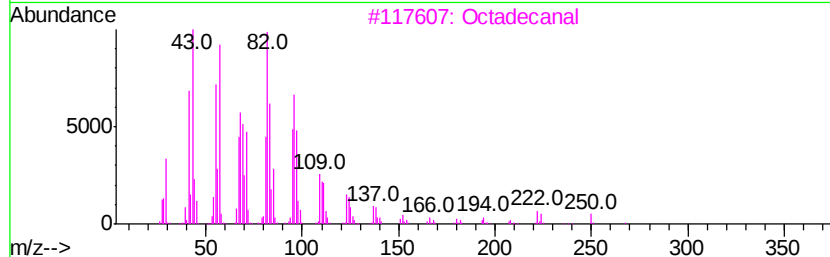
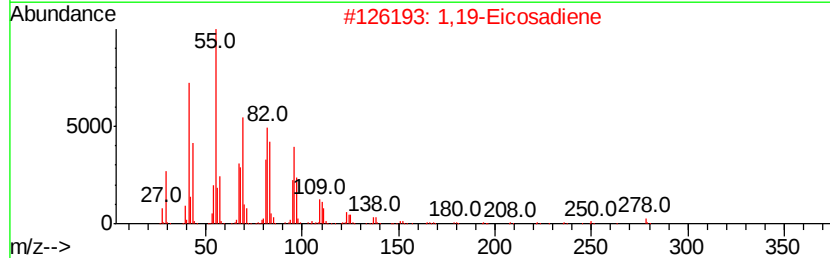
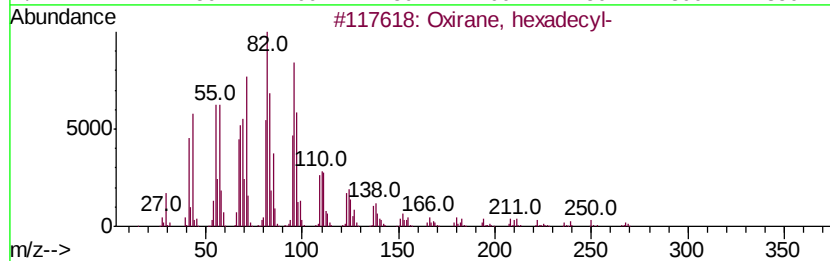
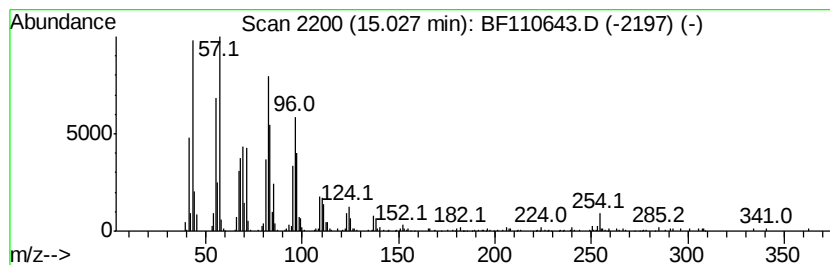
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Oxirane, hexadecyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	22.09 ng	384532	Perylene-d12	15.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2			1,19-Eicosadiene	278	C20H38	014811-95-1	92
3			Octadecanal	268	C18H36O	000638-66-4	91
4			Pentadecanal-	226	C15H30O	002765-11-9	91
5			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91



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Sample : J5813-09
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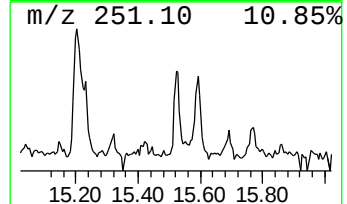
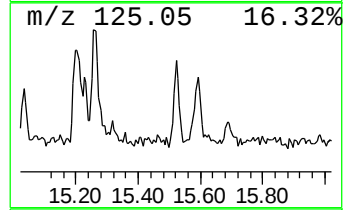
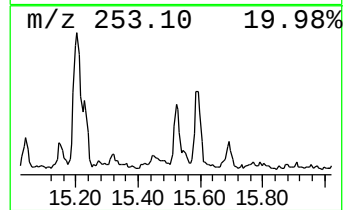
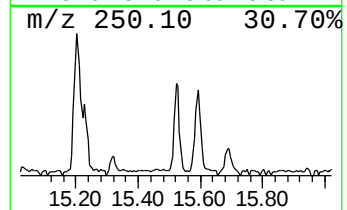
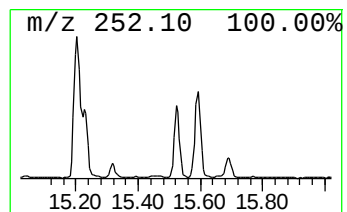
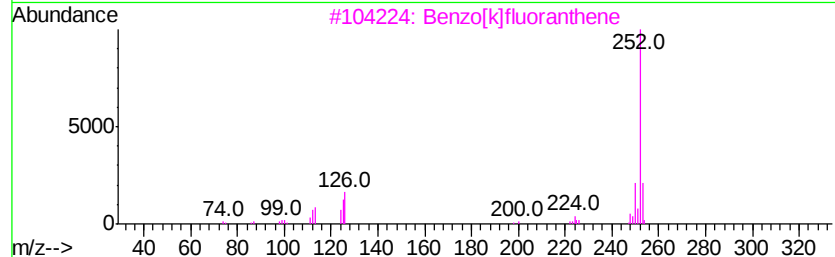
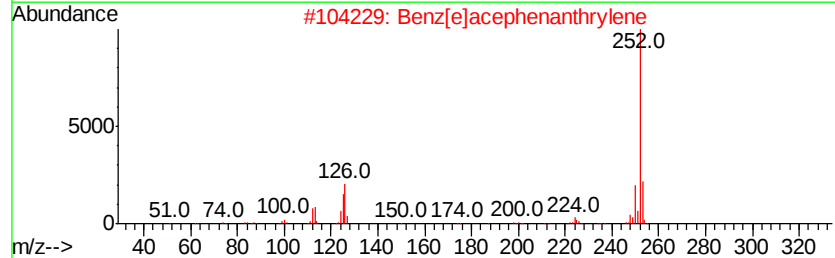
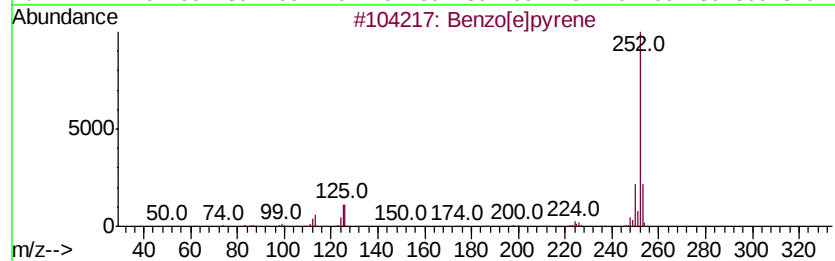
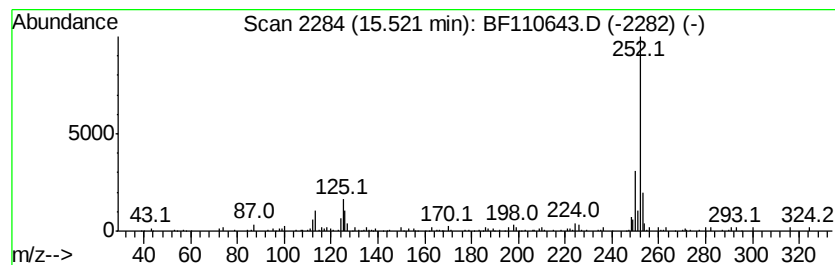
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	3.46 ng	60281	Perylene-d12	15.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4			Benzo[a]pyrene	252	C20H12	000050-32-8	90
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110643.D
Acq On : 9 Nov 2018 22:31
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Sample : J5813-09
Misc :
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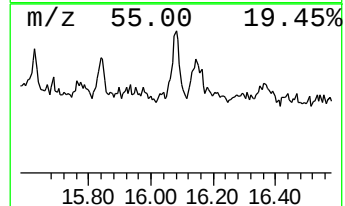
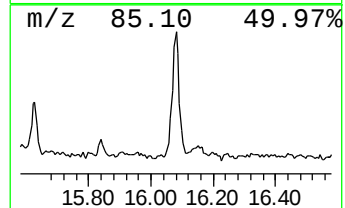
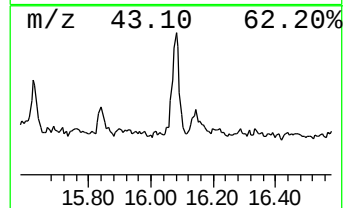
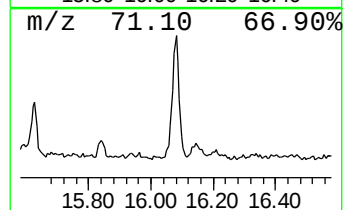
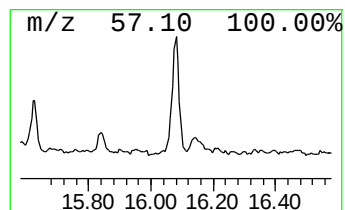
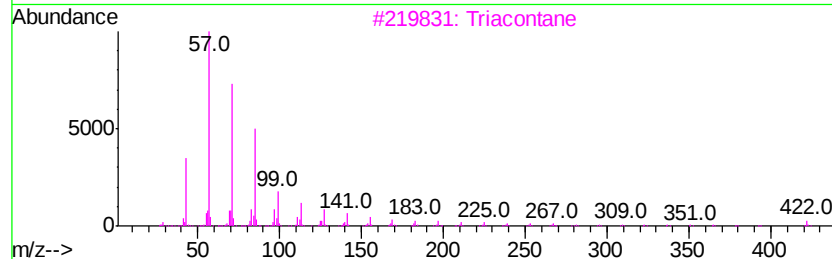
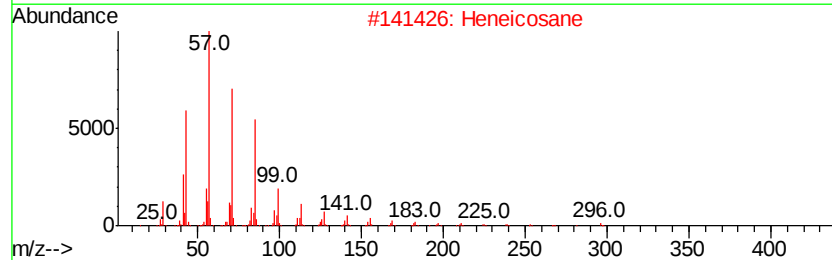
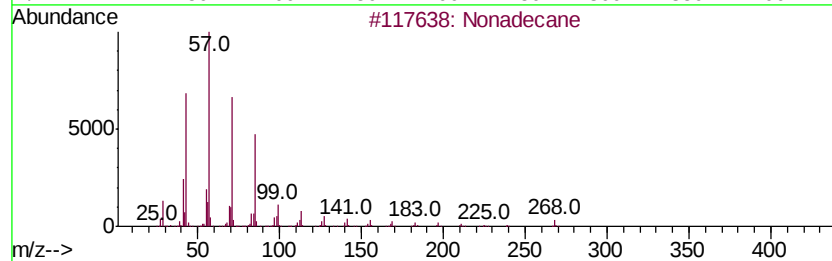
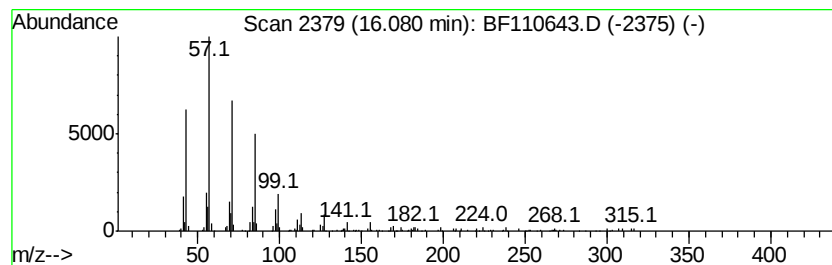
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	10.99 ng	191322	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Triacontane	422	C30H62	000638-68-6	87
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
5		Tetracosane	338	C24H50	000646-31-1	83



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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2-Pentanone, 4-hy...	5.19	3.2	ng	95674	1	6.95	602556	20.0
unknown6.72	6.72	78.7	ng	2370230	1	6.95	602556	20.0
n-Hexadecanoic acid	11.98	4.7	ng	151634	4	11.48	651109	20.0
11H-Benzo[b]fluorene	13.26	2.2	ng	72890	5	14.13	650665	20.0
1-Nonadecene	13.94	8.1	ng	262237	5	14.13	650665	20.0
9-Nonadecene	14.57	3.7	ng	119406	5	14.13	650665	20.0
Oxirane, hexadecyl-	15.03	22.1	ng	384532	6	15.66	348115	20.0
Benzo[e]pyrene	15.52	3.5	ng	60281	6	15.66	348115	20.0
Nonadecane	16.08	11.0	ng	191322	6	15.66	348115	20.0